

Converting Colors

Hex(1A8781)

Have a look what the booklet for
Hex(1A8781) contains.

Hex(1A8781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A8781)

Conversions

Conversions Part 1

Format	Color
Hex	1A8781
RGB	26, 135, 129
RGB Percent	10%, 53%, 51%
CMY	0.8980, 0.4706, 0.4941
CMYK	0.81, 0.00, 0.04, 0.47
HSL	177°, 68%, 32%
HSV	177°, 81%, 53%
XYZ	13.0524, 19.1325, 23.7739
YIQ	101.7250, -63.0380, -24.9740

Conversions

Conversions Part 2

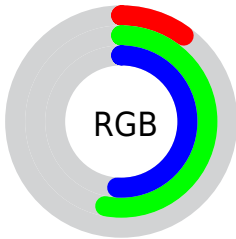
Format	Color
R_{YB}	26, 82, 135
Decimal	1738625
CIE _{Lab}	50.84, -30.15, -5.19
CIE _{LCh}	51, 30.594, 189.763
Yxy	19.1325, 0.2333, 0.3419
Android (android.graphics.Color)	4279928705 (0xFF1A8781)
YUV	101.7250, 13.4466, -66.4108
Hunter-Lab	43.7408, -23.2812, -1.6067

Details

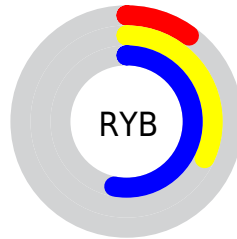
The Hex color **1A8781** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **871A20**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CBDB6**, and **005550** is the 20% darker color. If you saturate the color by 10%, you get **0C8780**, and if you desaturate by 10%, it is **278782**.

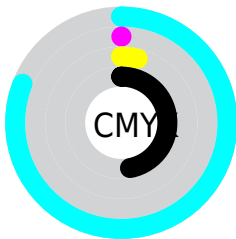
Distribution



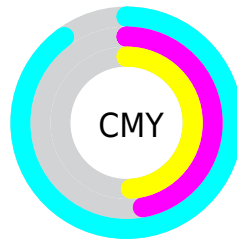
- Red (10%)
- Green (53%)
- Blue (51%)



- Red (10%)
- Yellow (32%)
- Blue (53%)



- Cyan (81%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (90%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A8781 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1A8781 by changing the saturation by 10% instead.

 1A8781

 1A8781

FFFFFF

 006D68

 5CBDB6

 005550

 79D9D1

 003D39

 95F5EE

 002724

 B2FFFF

 00060F

 CFFFFFF

 000000

 EDFFFF

 1A8781

 1A8781

 0C8780

 278782

■ 008780

■ 358782

■ 428783

■ 508784

■ 5E8785

■ 6B8785

■ 788786

■ 868787

■ 938788

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



448666



1A8781



00859A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A8781



876FA1



997148

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1A8781



871A20

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A86959



1A8781



A1678C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1A8781



6179AC



AB6571



827A45

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1A8781



1E83A5



AB6571



9F6E4D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1A8781



86B0AE



21871A



3F5958



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1A8781



05B0A7



1A5887



3C4242



00827B



000302

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



871A20



B0050F



87491A



423C3C



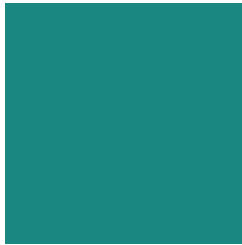
820007



030000

Previews

White Background



This preview shows how the Hex color 1A8781 looks on a white background.

Color Contrast Check

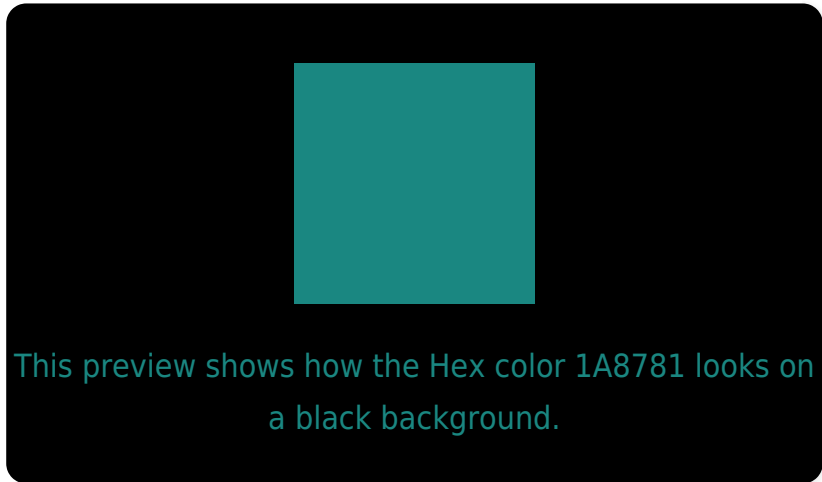
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

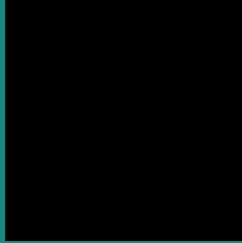
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1A8781 Background



This preview shows how black text looks on a background with the Hex color 1A8781.

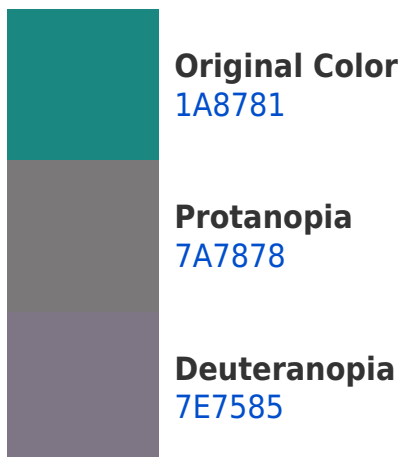


This preview shows how white text looks on a background with the Hex color 1A8781.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
268590

Trichromacy



Original Color
1A8781



Protanomaly
577D7B



Deuteranomaly
5A7C84



Tritanomaly
22868B

Monochromacy



Original Color
1A8781



Achromatopsia
666666



Achromatomaly
4A7270

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A8781 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1A8781 looks like.

```
.text, #text, p{  
    color:#1A8781  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1A8781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8781
}
```

Border

The CSS property to change the border of an element to Hex 1A8781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A8781 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1A8781 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1A8781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8781; -webkit-box-shadow:4px 4px  
4px 4px #1A8781; box-shadow:4px 4px 4px  
4px #1A8781 }
```

Background

The CSS property to change the background color of an element to Hex 1A8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8781 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1A8781 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor